

Docket No.: 60188-645

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Takehiro KAMADA	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: September 30, 2003	:	Examiner: Unknown
	:	
For: VITERBI DECODER AND VITERBI DECODING METHOD	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevance of Japanese Laid-Open Patent Publication No. 5-335972; corresponding U.S. Patent 5,509,021 is discussed in the present specification.

Serial No.:

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Date: September 30, 2003

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 60188-645		SERIAL NO.		
				APPLICANT Takehiro KAMADA				
				FILING DATE September 30, 2003		GROUP		
U.S. PATENT DOCUMENTS								
EXAMINER'S INITIALS	CITE NO.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number-Kind Code2 (if known)						
		US	6,041,433	03/21/2000	Kamada			
		US	5,509,021	04/16/1996	Todoroki			
		US	4,777,636	10/11/1988	Yamashita et al.			
		US	5,991,341	11/23/1999	Shin			
		US	4,583,078	04/15/1986	Shenoy et al.			
		US	4,905,317	02/27/1990	Suzuki et al.			
		US	5,390,198	02/14/1995	Higgins			
		US	5,446,746	08/29/1995	Park			
		US	5,946,361	08/31/1999	Araki et al.			
		US	5,991,343	11/23/1999	Oh et al.			
		US	6,031,876	02/29/2000	Oh et al.			
	B1	US	6,337,890	01/08/2002	Maru			
	B1	US	6,385,753	05/07/2002	Hatakeyama			
	B1	US	6,408,420	06/2002	Todoroki			
	B1	US	6,452,985	09/17/2002	Hatakeyama et al.			
	A1	US	2001/0049809	12/06/2001	MIYAUCHI et al.			
		US	5,987,637	11/16/1999	Thomas			
		US	6,094,739	07/25/2000	Miller et al.			
	B1	US	6,269,129	07/31/2001	Rhee et al.			
	B1	US	6,477,208	11/05/2002	Huff			
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
		Country Codes -Number 4--Kind Codes (if known)					Yes	No
		JP	11-186920	07/09/1999	SONY CORP		(Japan w/English Abstract)	
		JP	11-186919	07/09/1999	SONY CORP		(Japan w/English Abstract)	
		JP	11-186915	07/09/1999	SONY CORP		(Japan w/English Abstract)	
		JP	6-104942	04/15/1994	NEC CORP		(Japan w/English Abstract)	
	A1	EP	0967 730	12/29/1999	LUCENT TECHNOLOGIES INC.		(Japan w/English Abstract)	
			5-335972	12/17/1993		Not enclosed		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
EXAMINER				DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.